

Bradley Stuart Galer, M.D.

1740 Lenape Road, Bldg 2
West Chester, PA 19382
Phone (610) 737-6927
Email: bgaler@topiceutical.com

Personal Data

Date of Birth: July 21, 1961
Place of Birth: Boston, Massachusetts
Family: Wife - Anna
Children - Alexander, Peter, & Simon

Education

Albert Einstein College of Medicine, 1983-1987
Bronx, New York
Degree: M.D., June 1987

Wesleyan University, 1979-1983
Middletown, Connecticut
Degree: B.A., Biology-Psychology, June 1983

Postgraduate Training

Internship: Kaiser Foundation Hospital, 1987-1988
Oakland, California

Residency: Albert Einstein Neurology Residency Program, 1988-1991
Bronx, New York

Chief Resident: Albert Einstein Neurology Residency Program, 1990-1991
Bronx, New York

Headache Training: Montefiore Headache Clinic, 1990-1991
Bronx, New York

Headache Training: University of California San Francisco, 1992
San Francisco, CA

Pain Fellowship: Memorial Sloane-Kettering Cancer Center, 1990-1991 (4 months)
New York, New York (Drs. Kathleen Foley and Russell Portenoy)

Pain Fellowship: University of California San Francisco, 1991-1992
San Francisco, CA (Drs. Howard Fields and Michael Rowbotham)

Business School: Wharton Executive Education, 2002; Business Leadership Training
Harvard Business School Executive Education, 2005
Leadership & Strategy in Pharmaceutical and Biotech

Industry Positions

TOPICEUTICAL INC

- Chairman of the Board, CEO; President. October 2005 - present

ENDO PHARMACEUTICALS INC

- Group Vice President, Scientific Affairs & Senior Medical. August 2003- September 2005.
- Vice President, Scientific Affairs & Senior Medical Officer. August 2000- August 2003

CALDWELL-GALER INC

- Co-Founder, Chairman of the Board. September 1997 -- November 2005

Other Industry Experience

- 1992-98, co-lead investigator and co-developer clinical development plan for Lidoderm
- 1998, originator and lead coordinator of Endo's licensing Lidoderm from Hind Health Care

Industry Roles & Responsibilities

ENDO (2000- present)

- Reported directly to Executive Vice President
- Direct reports included Clinical Research, Clinical Operations, Medical Affairs, Safety Pharmacovigilance and Risk Management, Clinical Development and Education, Pharmacoeconomics
- Provide clinical and scientific leadership for the development and marketing of analgesic products
- Design clinical development plans and protocols for registration and market support (Phase I-IV)
- Assist in regulatory strategy
- Writing and editing of clinical study reports
- Writing and editing of NDA
- Lead cross-functional project teams in the execution of phase I-IV clinical trials ensuring successful studies in accordance with GCP/ICH guidelines
- Interpret clinical data
- Directly interface with FDA
- Direct scientific dissemination of data via publications and presentations
- Lead Endo medical/clinical representative to press
- Clinical and scientific lead in business development with assessment of licensing opportunities
- Lead Medical Liaison Group with Thought Leader development and all educational initiatives.
- Reviewed all clinical sections of regulatory documents including study reports, INDs, NDAs, annual reports, Investigator Brochures and labeling
- Prepare annual budgets for Scientific Affairs (up to \$25 million)

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Drug Development Experience

Lidoderm®	1991-1999	Regulatory strategy, Phase 3 study design/execution (Hind Health Care, Consultant)
	2000-2005	Life Cycle Management (LCM) strategy/execution (Endo)
Oxymorphone ER/IR	2000-2005	Phase 1-3 regulator strategy, study design/execution, NDA preparation (Endo)
Oxydone ER generic	2000-2004	Clinical review of Paragraph 4, development of Risk Management Program (Endo)
DepoDur®	2003-2005	NDA preparation, LCM (Endo)
Percocet®	2000-2005	LCM (Endo)
MorphiDex®	2000-2003	Regulatory strategy, Phase 3 study design/execution (Endo)
Neurontin	1995-2000	Phase 3 study design, LCM (Parke-Davis, Pfizer, Consultant)
Lyrica	1998-2000	Phase 3 study design/execution (Pfizer, Consultant)
Effexor	1995-1997	Phase 3 study design/execution (Wyeth, Consultant)
Tizanidine	1998-2000	LCM (Elan, Consultant)
ABT-484	1995-1998	Phase 2 POC study design (Abbott, Consultant)
GV196771	1998-2000	Phase 2 POC study design/execution (Glaxo Wellcome, Consultant)
Topical Clonidine	1996-2000	Regulatory Strategy, Phase 2/3 study design (Curatek, Lead Consultant)

Faculty Positions Held

Acting Assistant Professor of Anesthesia/Adjunct Assistant Professor of Neurology
University of Washington School of Medicine
Seattle, Washington
1992- 1994

Assistant Professor of Anesthesia/Adjunct Assistant Professor of Neurology
University of Washington School of Medicine
Seattle, Washington
1994 – April 1996

Assistant Professor of Neurology/Adjunct Asst. Professor of Anesthesiology
Washington School of Medicine
Seattle, Washington
May 1996 - May 1998

Associate Professor of Neurology
Albert Einstein College of Medicine
Bronx, NY
1999-2000

Faculty Positions Held (cont'd)

Adjunct Assistant Professor of Neurology (Associated Faculty)
University of Pennsylvania School of Medicine
Philadelphia, Pennsylvania
October 2001 – October 2004

University of Washington Medical Center Positions Held (1993 - May 1998)

Attending, Multidisciplinary Pain Center
Director, Pain Clinical Research Center
Medical Director, Headache Program
Medical Director, Reflex Sympathetic Dystrophy Program

Beth Israel Medical Center Positions Held (May 1998 – August 2000)

Attending, Pain Division of the Department of Pain Medicine & Palliative Care
Attending, Department of Neurology
Director of Clinical Studies, Institute for Education and Research
in Pain & Palliative Care
Co-Director, Nerve Pain Disorders Clinic

Board Certification

American Academy of Pain Management, November 1, 1996 {Certificate # 6712}

Honors

Keeney Scholarship, for Achievement in Academics and Community Involvement
Wesleyan University, 1981-1983

Phi Beta Kappa
Wesleyan University, 1982-1983

Doyle Award, Medical Student with Highest Achievement in Neurology
Medical Degree with Special Distinction in Clinical Neurology Research (Pain)
Albert Einstein College of Medicine, 1987

Young Investigator Travel Award, American Pain Society, 1991

"Best Doctors in America: Pacific Region, 1996-1997; 1998-1999, Neurology
(Pain Management)

"Best Doctors in America," 1998 (entire USA, Pain Management/Neurology)

"Tele Award," (for best medical documentary, cable TV)- Co-write and Co-host,
"Understanding Shingles", 2000

Honors (Cont'd)

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First "Annual Neuropathy Organization Honoree," (for work in neuropathic pain),
New York City, 2004

Academic Memberships

International Association for the Study of Pain (IASP)
Neuropathic Pain, Sympathetic Nervous System and RSD/CRPS Special Interest Group (IASP)
International Headache Society
American Headache Society
American Pain Society
American Academy of Pain Medicine
American Academy of Pain Management
American Association for the Study of Headache
American Academy of Neurology
Reflex Sympathetic Dystrophy Syndrome Association
Phi Beta Kappa

Academic Administrative Duties

Reflex Sympathetic Dystrophy Program, University of Washington, 1993 - May 1998;
develop comprehensive multidisciplinary outpatient program,
(physicians, psychology, physical therapy, occupational
therapy, vocational counselor, and nursing)

Pain Clinical Research Center, University of Washington, 1992 - May 1998;
Founder; obtain, protocol development, perform, and supervise pain clinical research
staff, (pharmaceutical industry clinical trials and other clinical research activities);
- 3 research coordinators and 3 research assistants

Director of Clinical Studies, Institute for Education and Research in Pain
& Palliative Care, Beth Israel Medical Center, May 1998 – 2000

Group Vice President, Scientific Affairs. Endo Pharmaceuticals Inc.
Supervise 45 persons. Responsible for Clinical Operations, Clinical Research, Medical
Affairs, and Clinical Development & Education. August 2000- present. Active in
clinical trial design, portfolio strategy, pharmacovigilance and safety, publication
planning, educational course development, business development and marketing strategy.

Special Responsibilities – Elected Boards, Editorials and Journal Reviewer

Director at Large (elected), Eastern Pain Association (2002- *present*)

Board of Directors, Reflex Sympathetic Dystrophy Syndrome Association (2002- present)
 Founding Editor and Editor, *Current Pain and Headache Reports* (1999 – present)
 Editorial Board, *The Clinical Journal of Pain* (2000 - present)
 Associate Editor, *The Clinical Journal of Pain* (1998 - 2000)
 Editorial Board, *Journal of Back and Musculoskeletal Rehabilitation*
 Editor, *Progress in Pain for Primary Care* (1999-2000)
 Book Editor, *Journal of Pain and Symptom Management* (1998-2000)
 Series Editor, *Progress in Pain for Primary Care*
 Supplement Editor, *Neurology Reviews Supplement: Management of Neuropathic Pain*
 Supplement Editor, *The Clinical Journal of Pain: International Conference of Neuropathic Pain*
 Expert Analyst Editor, *The Pain Medicine Journal Club Journal*
 Ad Hoc Reviewer, *JAMA*
 Ad Hoc Reviewer, *Pain*
 Ad Hoc Reviewer, *American Family Physician*
 Ad Hoc Reviewer, *Journal of General Internal Medicine*
 Ad Hoc Reviewer, *Journal of Pain and Symptom Management*
 Ad Hoc Reviewer, *Pharmacoeconomics*

Other Responsibilities

Invited Member, IMMPACT (Initiative on Methods, Measurement, and Pain Assessment in Clinical Trials), closed round-table with FDA, Academia, NIH, and Industry, 2002- present
 Invited Member, Promoting the Health of People with Disabilities (CDC)- Diabetes Task Force, 1992, 1993
 Consultant, Quality of Life in Migraine Study-University of Washington Department of Health Services Cost and Outcome Assessment Team, 1993
 Medical Student Research Training Program Advisor, 1993
 Consultant, Cost and Effectiveness of Care for Chronic Conditions- Center for Health Studies, 1994
 Education Committee- American Academy of Pain Medicine, 1995-96
 Invited author, presenter, participant - 1995
 USA Congressional NIH Report-Chronic Pain and Peripheral Neuropathies
 Advisor, American Board of Pain Medicine- Certification Examination, 1997
 Pain Medicine Section of American Academy of Neurology
 Founding Member and Executive Committee, 1995- present
 Vice-Chairman, Chairman elect - 1996-97
 Co-Chairman, Education Committee, 1995 - present,
 Chairman, 1998-2000
 Chairman of Professional Development Courses. American Pain Society's 18th Annual Conference, 1998-1999.
 Panel member, Cancer Pain Management Guideline Panel, Clinical Practice Guidelines Program, American Pain Society, 1999

Other Responsibilities (cont'd)

Founder, National Director, National Conferences on Pain Management for the Primary Care Physician (American Pain Society), 1998-2001
 Co-Chairman / Steering Committee, Annual International Neuropathic Pain Conference,

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1998-present

Workshop Organizer and Moderator, IASP 9th World Congress on Pain,
"Prognostic Utility of Intravenous Infusion Treatment of Neuropathic Pain: Lidocaine,
Opioid, and Phentolamine," 1999
IASP 2nd Annual Research Symposium- Founder and co-chair, "CRPS." Wales, UK. 2000
Key role in establishment of Endo sponsored "Essentials of Pain Management Program for
Residents," 2002 - present

Invited Advisory Panels/Boards/Consultation

Chair and Moderator, National Drug Advisory Board Meeting, Parke-Davis, 2000

Advisory Boards:

Pfizer

Merck Research

Abbott Laboratories

Roche Bioscience

Watson Pharmaceutical

Consultant, Elan Pharmaceutical

Consultant, GlaxoWellcome

Emerging Concepts of Anticonvulsants for Chronic Pain - 1996

Consultant, Myelos Neurosciences- 1998

National Guidelines for Neuropathic Pain Treatment for the Primary Care Physician - 1997

National Guidelines for Pain Management in Long-Term Nursing Facilities -

1997, 1998

Management of Pain, Myofascial Pain Syndromes - 1998

Participant, International Neuropathic Pain Treatment Guideline Consensus Meeting- 2001

Invited Non-Profit Organizations Board Membership

Reflex Sympathetic Dystrophy Syndrome Association- 2002-present

Patents- Issued (USA)

1. Method for Treating Headache Pain with Topical Local Anesthetic Compositions
Inventor: CALDWELL LARRY; GALER BRADLEY STUART
Assignee: TOPICEUTICAL INC
2. Method for Treating Neuroma Pain
Inventor: GALER BS; CALDWELL J
Assignee: CALDWELL GALER INC

Patent Applications (publicly disclosed)

1. Methods and compositions for treating headache pain with topical NSAID compositions
Inventor: CALDWELL LARRY; GALER BRADLEY STUART
Assignee: TOPICEUTICAL INC
2. Methods for treating indomethacin responsive headaches

Inventor: GALER BRADLEY S; NEWMAN LAWRENCE
Assignee: TOPICEUTICAL INC

3. Methods and compositions for treating carpal tunnel syndrome (topical NSAID)
Inventor: CALDWELL LARRY; GALER BRADLEY STUART
Assignee: CALDWELL GALER INC
4. Compositions and methods for treating neuropathic sensory loss
Inventor: GALER BRADLEY S
Assignee: ENDO PHARMACEUTICALS INC
5. Abuse-resistant opioid dosage formulations
Inventor: GALER BRADLEY; KAO HUAIHUNG D
Assignee: ENDO PHARMACEUTICALS INC
6. Method for deterring abuse of opioids by combination of non-release formulation of emetic
Inventor: GALER BRADLEY STUART; GAMMAITONI ARNOLD
Assignee: ENDO PHARMACEUTICALS INC
7. Method for treating non-neuropathic pain
Inventor: STUART GALER BRADLEY
Assignee: ENDO PHARMACEUTICALS INC
8. Composition and method for treating neuropathic sensory loss.
Inventor: DWORKIN ROBERT D; GALER BRADLEY STUART
Assignee: ENDO PHARMACEUTICALS INC
9. Abuse resistant pharmaceutical composition containing capsaicin
Inventor: GOLDBERG M; GALER B S
Assignee: ENDO PHARMACEUTICALS INC
10. Abuse-resistant opioid solid dosage form
Inventor: KAO HUAIHUNG; GALER BRADLEY
Assignee: ENDO PHARMACEUTICALS INC
11. Pharmaceutical composition and method for treating disorders of central nervous system.
Inventor: GALER BRADLEY S; SCHLAGHECK THOMAS G
Assignee: ENDO PHARMACEUTICALS INC
11. Abuse resistant pharmaceutical composition containing capsaicin
Inventor: GOLDBERG MICHAEL; GALER BRADLEY STUART
Assignee: ENDO PHARMACEUTICALS INC

Businesses

Topiceutical Inc. Founder, CEO, President. 2005 – present.

Development and commercialization of topical drugs for the treatment of pain and headache.

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Caldwell Galer, Inc. (CGI) Co-Founder & Chairman of the Board. 1997 – present
Development of topical drugs for the treatment of pain and headache.

Academic Funded Grants

1993-1995, Principal investigator - "Multicenter randomized, double-blind study of the analgesic efficacy during 30 days of as needed use of topical lidocaine patches and lidocaine gel in patients with postherpetic neuralgia". Private funding: Hind Health Care, Inc.

1996-1998, Principal Investigator- "Multicenter randomized, double-blind study of the analgesic efficacy of topical lidocaine patches and lidocaine gel in patients with painful diabetic neuropathy." Private funding: Hind Health Care, Inc. /Teikoku Seiyaku Co., Ltd.

1996-1997, Principal Investigator- "Multicenter randomized, double-blind study of the analgesic efficacy of topical diclofenac patches in the treatment of acute minor sports injury pain." Private funding: Institut Biochimique SA/Teikoku Seiyaku Co., Ltd.

1996-1998, Investigator- "Multicenter randomized, double-blind study of the analgesic efficacy of venlafaxine-ER in patients with postherpetic neuralgia." Private funding: Wyeth-Ayerst Research.

1996-1998, Principal Investigator- "Double-blind, randomized, placebo-controlled, cross-over study to determine the efficacy and safety of Rilutek in subjects with peripheral neuropathic pain." Private funding: Rhone-Poulenc Rorer Pharmaceuticals.

1997-1998, Principal Investigator, "Comparison study of the analgesic efficacy and safety of transdermal versus topical clonidine gel in patients with postherpetic neuralgia." Private funding: Curatek Pharmaceuticals.

1997, Investigator- "A randomized, double-blind, placebo-controlled, two period crossover study to explore the preliminary safety, tolerability, and efficacy of oral L-754,030 in the treatment of postherpetic neuralgia." Private funding: Merck Research Laboratories.

1997-1998, Principal Investigator, "Open label pilot study of the analgesic efficacy and safety of topical clonidine in patients with reflex sympathetic dystrophy (complex regional pain syndrome)." Private funding: Curatek Pharmaceuticals.

1997-1998, Principal Investigator, "Enriched enrollment, double-blind, cross-over design study of the analgesic efficacy of topical lidocaine patches in patients with postherpetic neuralgia". Private funding: Hind Health Care, Inc.

Academic Funded Grants (cont'd)

1997 - 1998, Sole Investigator, "Pain Medicine Survey of 700 Practicing Neurologists and Neurology Residency Program Directors in America," in conjunction with the American Academy of Neurology.

1998-1999, Co-Investigator, "A Double-blind Placebo-Controlled Trial of Pregabalin for Treatment of Painful Diabetic Peripheral Neuropathy." Private funding: Parke-Davis Pharmaceutical Research.

1998-1999, Co-Investigator. "Pregabalin Open-label Follow-On Safety Trial in Patients With Painful Diabetic Peripheral Neuropathy." Private funding: Parke-Davis Pharmaceutical Research.

1998-1999, Principal Investigator. "A Double-blind Placebo-Controlled Trial of Pregabalin for Treatment of Postherpetic Neuralgia." Private funding: Parke-Davis Pharmaceutical Research.

1998-1999, Co-Investigator. "Pregabalin Open-label Follow-On Safety Trial in Patients With Postherpetic Neuralgia." Private funding: Parke-Davis Pharmaceutical Research.

1998-1999. Principal Investigator. "A Pilot, Multicenter, Double-Blind, Placebo Controlled, Randomized, Cross-Over Study to Evaluate the Efficacy, Safety, and Tolerability of Remacemide Hydrochloride 600mg/day in Subjects with Moderate to Severe Neuropathic Pain." Private funding: Astra Pharmaceutical Research.

1998-1999. Principal Investigator. "A Multicenter, Randomized, Double-blind, Placebo-controlled, Parallel Group Evaluation of a 14 Day Course of 300mg of GV196771 in Subjects with Chronic Neuropathic Pain." Private funding: Glaxo-Wellcome Research.

1998-1999, Co-Investigator. "A Repeated-dose Evaluation of Analgesic Use and Safety of Dilaudid SR (Hydromorphone HCL) in Patients with Chronic Cancer Pain." Private funding: Knoll Pharmaceutical.

1998-1999, Co-Investigator. "A Randomized, Double-blind, Placebo-controlled Efficacy, Safety and Outcomes Trial of Controlled Release-Oxycodone (Oxycontin) in Painful Diabetic Polyneuropathy." Private funding: Purdue Pharma LP.

1999, Principal Investigator- "Multicenter randomized, double-blind study of the analgesic efficacy of topical diclofenac patches in the treatment of acute minor sports injury pain." Private funding: Institut Biochimique SA.

Invited Papers, Lectures, Presentations - Neuropathic Pain

University of Washington Multidisciplinary Pain Center Grand Rounds- 1991, 1992, 1993, 1994, 1995, 1996, 1997

University of Washington Neurology Grand Rounds- 1992, 1993, 1996, 1998

University of Washington Geriatric Grand Rounds- 1992

University of Washington Neurological Surgery Grand Rounds- 1992

University of Washington Treatment of Hand Problems, CME course-1994

Invited Papers, Lectures, Presentations - Neuropathic Pain (cont'd)

University of Washington Physical Medicine and Rehabilitation Grand Rounds- 1995

University of Washington Pain CME Course- 1994, 1996

University of Washington Physical Medicine and Rehabilitation CME Course- 1996

University of Oregon Health Sciences, Rheumatology Update, Bend, Oregon- 1993

Saint Joseph Hospital, Internal Medicine Grand Rounds, Spokane, WA- 1993

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Dannemiller Foundation, Pain Treatment for the Neurologist, New York- 1993
Bremerton Naval Base Hospital, Family Medicine Grand Rounds, Bremerton, WA-1993
Congress of Neurological Surgeons 43rd Annual Meeting, Vancouver, B.C.- 1993
Northwest Regional Conference for Occupational/Physical Therapy, Bellevue, WA- 1993
Kaiser Permanente Hospital, Medicine Grand Rounds, Los Angeles, CA-1994
Kaiser Permanente Hospital, Medicine Grand Rounds, Montabello, CA-1994
Group Health Cooperative, Medicine Grand Rounds, Redmond, WA-1994
Providence Hospital, Medicine Grand Rounds, Yakima, WA-1994
International Society of Critical Care Conference, San Francisco, CA- 1995
Valley Medical Center, Pain Management Course, Renton, WA- 1995
Maricopa Medical Center, Medical Grand Rounds, Phoenix, AZ- 1995
Los Angeles Neurological Society, Grand Rounds, Los Angeles, CA- 1995
Chronic Pain and Pain Mechanisms, San Francisco, CA- 1995
American Pain Society, Los Angeles, CA- 1995
NIH Workshop on Selected Chronic Pain Conditions, Bethesda, MD- 1995
Emerging Applications for Anticonvulsants in the Management of Pain- Dallas, 1996
Parke-Davis Neurology Consultants Meeting, Aspen, CO-1996
Eastern Washington State Hospital, Spokane, WA- 1996
Spokane Neurology Group, Spokane, WA- 1996
Emerging Applications for Anticonvulsants in the Management of Pain-audioconference, 1996
Emerging Applications for Anticonvulsants in the Management of Pain- Honolulu, HI; Seattle, WA; Tacoma, WA; Bellevue, WA; Spokane, WA;
Newport Beach, CA 1996
Private Practice Neurologists, Internists - Seattle, WA 1996
St. John Medical Center - Longview, WA 1996
Madigan Army Medical Center- Tacoma, WA 1996
Spokane Primary Care Physicians- Spokane, WA 1996
Coeur d'Alene Generalists- Coeur d'Alene, ID 1996
Internal Medicine Review Course, Tacoma, WA 1997
American Academy of Neurology- Boston, MA 1997
Hawaii (7 lectures to primary care physicians/neurologists) - 1997
Emerging Concepts of Antiepileptic Drugs- San Diego CA, Los Angeles CA,
Las Vegas NV, Seattle WA, Pasadena CA, Snowbird Utah- 1997
Chronic Pain Management - Swedish Medical Center, Seattle WA - 1997
American Pain Society- New Orleans 1997
Private Practice Neurologists - Everett, WA 1997
Neurological Nurses Association of Washington, Seattle, WA 1998
North Shore Medical Center, Neurology Grand Rounds, Manhasset, NY. July 1998
Private Practice Physicians- Seattle, WA September 1998
Neurological Institute, Columbia School of Medicine, New York, NY 1999
Hannan School of Medicine, Philadelphia, PA 1999
Vanderbilt School of Medicine, Nashville, TN 1999
Invited Papers, Lectures, Presentations - Neuropathic Pain (cont'd)

2nd World Congress in Neurological Rehabilitation, Toronto, Canada, 1999
Neurogenic Pain, Pavia Italy, 1999
Neurology Grand Rounds, University of Rome Italy, 1999
International Neuropathic Pain Conference- Washington, DC, 1999
Japan Society of Drug Delivery Systems- Takamatsu, Kagawa Japan, 1999
Osaka Pain Group- Osaka Japan, 1999

International Association for the Study of Pain 9th World Congress on Pain (2 lectures and moderator), Vienna Austria, 1999
University of Washington Neurology Grand Rounds, Seattle WA 2001
University of Washington Pain Grand Rounds, Seattle WA 2001
Washington State Annual DO Conference, Blaine WA 2001
Georgetown Pain Grand Rounds, Washington DC 2001
University of Utah, Annual Pain Conference, Snowbird UT 2002
American Academy of Pain Management Nurses, Salt LakeCity UT 2002
United Kingdom Pain Society- Plenary Lecture, Bournemouth UK 2002
Harvard Medical School Pain Course- Boston MA 2005

Invited Papers, Lectures, Presentations - RSD (Complex Regional Pain Syndromes)

University of Washington Multidisciplinary Pain Center Grand Rounds- 1991, 1992, 1993, 1994, 1995, 1996, 1997
University of Washington Neurology Grand Rounds, 1996
Los Angeles Neurological Society, Los Angeles, CA- 1995
NIH Workshop on Selected Chronic Pain Conditions, Bethesda, MD- 1995
Emerging Applications for Anticonvulsants in Pain, workshop leader, Dallas, TX- 1996
Chronic Pain Symposium, North Shore Medical Center, NY- 1996
American Pain Society, Washington, D.C.- 1996
International Meeting on Neuropathic Pain, Rochester, NY. June 1998
Hannahan School of Medicine, Philadelphia, PA 1999
Beth Israel Medical Center Neurology Grand Rounds, New York NY 1999
IASP Research Conference, Wales UK 2000
International Update on RSD/CRPS , Tampa FLA 2002
Eastern Pain Society, NY, NY 2002

Invited Papers, Lectures, Presentations - Analgesic Clinical Trial Design & Pain Measurement

International Neuropathic Pain Conference, Washington DC, 2000
American Academy of Neurology, Philadelphia PA 2001
Residents Program, American Pain Society, Baltimore MD 2002
American Academy of Neurology, Denver CO 2002
World Congress of Pain, San Diego CA 2002
International Neuropathic Pain Conference, Bermuda 2002
Harvard Pain Course, Boston, 2005

Invited Papers, Lectures, Presentations - Headache

Medex, Physicians Assistant Program- 1993
Multidisciplinary Pain Center Grand Rounds- 1994, 1995, 1996
Office Management of Chronic Pain, CME course- 1994
Neurology Grand Rounds- 1994, 1996
Family Medicing Grand Rounds- 1994
General Lecture to Public, University of Washington Medical Center- 1996
Barnes & Nobles- Bellvue WA- 1997

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University of Oregon Health Sciences, Rheumatology Update, Bend, Oregon- 1993
Sacred Heart Hospital, Medicine Grand Rounds, Spokane, WA- 1993
Bend Memorial Clinic, Family Medicine Grand Rounds, Bend, Oregon- 1993
Portland Emergency Room Staff, Portland, Oregon- 1993
Northwest Regional Conference for Occupational/Physical Therapy, Bellevue, WA- 1993
Valley General Hospital, Renton, WA- 1994
Kaiser Permanente Hospital, Portland, WA- 1994(2)
Billings Community Hospital, Billings, MT- 1994
Rose Medical Center, Medicine Grand Rounds, Denver, CO- 1994
Benefits Expo (Health Care Managers), Minneapolis-1994
Group Health Cooperative, Silverdale, WA - 1995
Kaiser Permanente Hospital, Los Angeles, CA - 1995, 1996
Kaiser Permanente Hospital, Portland, Oregon - 1995

Public Media

Television host and writer- "Understanding Shingles". The Health Network, 1999-2000, ½ hour television show for consumers.

Medical Chat Room Expert- Pain Management. Yahoo/The Health Network, 2000.

Medical Writer, "Pain" and "What's New in Pain", www.stoppain.org, 1998-2000.

Course Development

Faculty, Presenter, Workshop Leader- Curriculum Development for CME Course on "Emerging Applications for Anticonvulsants in Pain," Profession Postgraduate Services, Dallas, TX- March, 1996

Co-Chair, American Pain Society 1996 Annual Meeting- Clinical Symposium, "CRPS-I (RSD)- Primarily a Disuse/Neglect-like Phenomenon Requiring Primarily a Rehabilitation Approach?", Washington, DC- October 1996

Moderator, American Pain Society 1996 Annual Meeting- Clinical Symposium, "Psychogenic Pain'- Harmful to our Patients' Health", New Orleans, LA- October 1997

Workshop leader, Moderator, 1999 International Association for the Study of Pain, 9th World Congress of Pain - "Diagnostic, Therapeutic, and Prognostic Uses of Intravenous Infusions in Chronic Pain Syndromes," Vienna Austria, August 1999

Course Development (con'td)

Chair, Program Development Courses, 1999 American Pain Society Meeting, Fort Lauderdale, Fla.

Program Development Courses, 2000 American Pain Society Meeting, Atlanta, Ga.

Chair, Program Developer, American Pain Society's National Pain Management Course for the Primary Care Physician, 1999, New York.

Co-Chair, International Neuropathic Pain Conference, 1999, Washington, DC.

Co-Chair, International Neuropathic Pain Conference, 2000, Washington, DC.

Organizing Committee, International Association for the Study of Pain Research Symposium: Complex Regional Pain Syndrome, 2000, U.K.

Co-Chair, International Neuropathic Pain Conference, 2001, San Francisco CA

Steering Committee, International Neuropathic Pain Conference, 2002, Bermuda

Bibliography

Original Publications

1. Sinnammon HS, **Galer BS**. Head Movements Elicited by Electrical Stimulation of the Anteromedial Cortex of the Rat. *Physiol & Behav* 1984;33:185-190.
2. Lipton RB, **Galer BS**, Dutcher JP, Portenoy RK, Berger M, Arezzo JC, Miruchi M, Weirnik PH, Schaumburg HH. Quantitative Sensory Testing Demonstrates that Subclinical Sensory Neuropathy is Prevalent in Patients with Cancer. *Arch Neurol* 1987;44:994-996.
3. Portenoy RK, **Galer BS**, Salomon O, Freilich M, Finkel JE, Milstein D, Thaler HT, Lipton RB. Identification of Epidural Neoplasm: Radiology and Bone Scintigraphy in the Symptomatic and Asymptomatic Spine. *Cancer* 1989;64:2207-2213.
4. **Galer BS**, Lipton RB, Weinstein S, Bello L, Solomon S. Apoplectic Headache and Oculomotor Nerve Palsy: An Unusual Presentation of Multiple Sclerosis. *Neurology* 1990;40:1465-1466.
5. **Galer BS**, Lipton RB, Kaplan R, Kaplan JG, Arezzo JC, Portenoy RK. Bilateral Burning Foot Pain: Monitoring of Pain, Sensation and Autonomic Function During Successful Treatment with Sympathetic Blockade. *J Pain Symptom Manage* 1990;6:92-97.

Original Publications (cont'd)

6. Lipton RB, **Galer BS**, Dutcher JP, Portenoy RK, Pahmer V, Meller F, Arezzo JC, Wiernik PH. Large and Small Fibre Type Sensory Dysfunction in Patients with Cancer. *J Neurol Neurosurg Psychiatry* 1991;54:706-709.

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7. **Galer BS**, Lipton RB, Solomon S, Newman LC, Spierings ELH. Myocardial Ischemia Related to Ergot Alkaloids: A Case Report and Literature Review. *Headache* 1991;31:446-450.
8. **Galer BS**, Coyle N, Pasternak GW, Portenoy RK. Individual Variability in the Response to Different Opioids: report of five Cases. *Pain* 1992;49:87-91.
9. **Galer BS**, Rowbotham MC, Fields HL. Treatment of Inflammatory, Neuropathic and Sympathetically Mediated Pain in a patient with Sjogren's Syndrome. *Pain* 1992;50:205-208.
10. **Galer BS**, Miller KV, Rowbotham MC. Response to Intravenous Lidocaine Infusion Differs Based Clinical Diagnosis and Site of Nervous System Injury. *Neurology* 1993;43:1233-1235.
11. Fitzgibbon D, **Galer BS**. Efficacy of Opiates in Cancer Pain. *Pain* 1994;58:429-31.
12. **Galer BS**, Butler S, Jensen M. Case Reports and Hypothesis: A Neglect-like Syndrome may be responsible for the Motor Disturbance in Reflex Sympathetic Dystrophy. *J Pain Sympt Management* 1995;10:385-392.
13. Von Korff M, **Galer BS**, Stang PE. Chronic Use of Symptomatic Headache Medication in Primary Care. *Pain* 1995;62:179-186.
14. **Galer BS**. Preliminary Report: Peak Pain Relief is Delayed and Duration of Relief is Extended following Intravenous Phentolamine Infusion. *Reg Anesth* 1995;20:444-447.
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